



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,733	07/12/2001	Aviad Zlotnick	ZLOTNICK=2	9520

1444 7590 11/17/2005

BROWDY AND NEIMARK, P.L.L.C.
624 NINTH STREET, NW
SUITE 300
WASHINGTON, DC 20001-5303

EXAMINER

DESIRE, GREGORY M

ART UNIT	PAPER NUMBER
----------	--------------

2627

DATE MAILED: 11/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/902,733

Applicant(s)

ZLOTNICK, AVIAD

Examiner

Gregory M. Desire

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-14,16-25 and 27-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-14,16-25 and 27-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is responsive to communication filed 8/31/05.

Response to Amendment

2. Examiner acknowledges applicant's submission of the amendment of application 10/191,035 filed 8/2/05. The amendment changes the scope of the claims, thus different from the scope of the instant application. Therefore the provisional obvious-type double patenting has been withdrawn.

Response to Arguments

3. Applicant (argues page 10 lines 1-13) Yeager does not provide multiple redundant instances of an on-screen control at different locations. Citing page 10 lines 14-15, each of the operators in Yeager's pull-down list refers to only a single specific input field. This argument is not persuasive because although Yeager's pull down list refers to a single input field, the claim recites multiple redundant instances of an on screen control at different locations (note fig. 4. blocks 52 and 54, at the Barcode field pull down list has 6 specific operators at Barcode location, at Partno field (different location) a redundant instances of pull down list having same specific operators as Barcode location).

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-2, 5-8, 11-13, 16-19, 22-24 and 27-30 and 33 are rejected under 35 U.S.C. 102(b) as being anticipated by Yeager et al (5,950,190).

Regarding method, apparatus and computer software claims 1, 12 and 23 Yeager discloses,

Presenting the data to the operator in a plurality of data fields (note fig. 4 block 53, shows plurality of data fields on the display) on the computer display (note fig. 4 block 50 and col. 9 lines 36-40 and 63-65, search window generated by dynamic graphical user interface, which presents data to the user on a computer, window environment is operated on a computer);

6. Placing multiple redundant instances of an on-screen control at different locations on the display (note fig. 4. blocks 52 and 54, at the Barcode field pull down list has 6 specific operators at Barcode location, at Partno field (different location) a redundant instances of pull down list having same specific operators as Barcode location) in proximity to different ones of the fields (note 54 instances of the control are in proximity to different ones of fields 54) for selection by the operator using a pointing device linked to the display (note col. 10 lines 36-38); and

Actuating the control responsive to the selection by the operator of any of the instances of the control on the display (note col. 10 line 60-65, clicking button 52, actuates the control responsive to the selection by the operator of an instance of the control on the display).

Regarding method, apparatus and computer software claims 2, 13 and 24 Yeager discloses,

Wherein actuating the control comprises receiving an indication from the operator that the data are verified (note fig. 4 “done” clicking on done button indicates that operator’s interaction with the search window and data is verified and also col. 10 lines 60-65).

Regarding method, apparatus, and computer software claims 5, 16 and 27 Yeager discloses,

Wherein the multiple redundant instances of the on-screen control all indicate that the operator has finished processing the data in the plurality of the fields (which reads on the “OK” or “Done” tabs in fig. 4.).

Regarding method, apparatus and computer software claims 6, 17 and 28 Yeager discloses,

Wherein placing the instances comprises interspersing the instances of the control between the data fields (note fig. 4, block 54, instances are interspersed between data fields 52 and 53).

Regarding method, apparatus and computer software claims 7, 18 and 29 Yeager discloses,

Wherein the locations of the multiple instances are so as to minimize a traverse of the pointing device required to select one of the instances (Note fig. 4, block 54, multiple locations of controls placed next to each field identified by part 53 minimize a traverse of the pointing device).

Regarding method, apparatus and computer software claims 8, 19 and 30 Yeager discloses,

Wherein presenting the data comprises displaying in the fields characters from a document to which codes have been assigned so that the operator can verify that the assigned codes are correct (note fig. 4, 53 and col. 10 line 66 to col. 11 line 33). Which reads on user selecting an entry with the list of possible description. SQL command reads on the code. Data shown provides correct results.

Regarding apparatus claims 11, 22 and 33 Yeager discloses,

Wherein the multiple instances comprises providing three or more instances of the control on screen (note fig. 4 depict multiple instances of control 54 by the clicking of six different arrows).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 3, 9-10, 14, 20-21, 25 and 31-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yeager in view of Kanatsu (6,628,832).

Regarding method, apparatus and computer software claims claim 3, 14 and 25

Yeager discloses a database containing data tables (note fig. 1 block 24). However, Yeager does not clearly disclose wherein presenting the data comprises presenting results of optical character recognition (OCR) for verification by the operator. Kanatsu discloses converting document data having a table format into electronic data using OCR (note col. 1 lines 10-14). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use an OCR in the system of Yeager. Converting data table to electronic form (note col. 1 lines 10-14) would have highly desirable feature in a data management system due to its computerized functions and Kanatsu recognizes converting to electronic form would be expected when an OCR is used in Yeager.

Regarding method, apparatus and computer software claims 9, 20 and 31 Yeager does not disclose expressly,

Displaying the characters comprises displaying results of optical character recognition (OCR) processing. Kanatsu discloses displaying the characters comprises displaying results of optical character recognition (OCR) processing (note Kanatsu fig. 1 block 15, data table in electronic form (by OCR) is displayed by a display 15). Yeager and Kanatsu are combinable because they are from the same field of endeavor. At the time of the invention, it would have been obvious to a person ordinary skill in the art to display results of OCR processing in the system of Yeager as disclosed by Kanatsu. The suggestion/motivation for doing so would have been displaying analysis results (note col. 3 lines 57-59). Therefore it would have been obvious to combine Yeager with Kanatsu to obtain the invention as specified in claims 9, 20 and 31.

Regarding method, apparatus and computer software claims 10, 21 and 32 Yeager discloses,

Displaying together a plurality of the characters a field (note Yeager fig. 4 and col. 10 shows display of plurality of characters "camera") Yeager does not disclose expressly assigning the same code by the OCR processing. Kanatsu discloses assigning characters with character codes (note col. 7 lines 42-46, characters converted to character codes. Yeager and Kanatsu are combinable because they are from the same field of endeavor. At the time of the invention, it would have been obvious to a

Art Unit: 2627

person of ordinary skill in the art to assign character code by OCR processing in the system of Yeager as evidenced by Kanatsu. The suggestion/motivation for doing so would have been obvious to efficiently correct data (note col. 7 lines 47-55. Therefore it would have been obvious to combine Yeager and Kanatsu to obtain the invention as specified in claims 10, 21 and 32.

Conclusion

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory M. Desire whose telephone number is (571) 272-7449. The examiner can normally be reached on M-F (6:30-3:00).

Art Unit: 2627

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta can be reached on (571) 272-7453. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gregory M. Desire
Examiner
Art Unit 2627

G.D.
November 13, 2005


KANJIHAJ PATEL
PRIMARY EXAMINER